

IN THE CLAIMS:

Please cancel Claims 1 to 15 and 31, without prejudice or disclaimer of subject matter thereof, and add new Claims 32 to 42.

1. to 31. (Cancelled)

c/ 32. (New) A manufacturing system in a factory, comprising:  
industrial equipment installed in the factory for manufacturing products;  
a host computer; and  
a LAN system connecting to the industrial equipment and the host computer, wherein the host computer is connected to the Internet to allow access to a remote computer placed at a remote location from the factory through the Internet, the remote computer providing at least one of a database storing maintenance information concerning the industrial equipment and a software library for the industrial equipment.

33. (New) A method according to Claim 32, wherein the database stores information for identifying industrial equipment, trouble states that may occur in the identified industrial equipment, and corresponding countermeasures against the registered trouble states.

34. (New) A system according to Claim 32, wherein the industrial equipment comprises different types of semiconductor apparatuses.

35. (New) A system according to Claim 32, wherein the industrial equipment comprises the same types of semiconductor apparatuses.

36. (New) A manufacturing system, comprising:

a computer which is connected to the Internet and provides a database storing information concerning industrial equipment;

a first manufacturing factory having the industrial equipment and a LAN system capable of accessing the database through the Internet; and

a second manufacturing factory, located at a remote location from said first manufacturing factory, having the industrial equipment and a LAN system capable of accessing the database through the Internet.

37. (New) The system according to Claim 36, wherein the database stores information for identifying an industrial equipment, trouble states that may occur in the identified industrial equipment, and corresponding countermeasures against the registered trouble states.

38. (New) The system according to Claim 36, wherein said computer automatically notifies an appropriate personnel of trouble with the industrial equipment.

39. (New) The system according to Claim 38, wherein said computer automatically sends an e-mail to the appropriate personnel.

40. (New) The system according to Claim 36, wherein the industrial equipment comprises a semiconductor manufacturing apparatus and the information comprises trouble information of the semiconductor apparatus.

41. (New) The system according to Claim 36, wherein said first and second manufacturing factors belong to a single user.

42. (New) The system according to Claim 36, wherein said first and second manufacturing factories belong to different users from each other.

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